

## Transparency Market Research



**Usage of Artificial Intelligence in Every Sector Rising its Market Expeditiously**

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## Transparency Market Research

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## REPORT DESCRIPTION

Artificial intelligence has always attracted considerable attention no matter its application. This technological innovation has made an appearance in almost every area of modern life: power, finance, defense, entertainment, healthcare, transportation, education, and manufacturing. Discussed below are a few avenues where artificial intelligence has been immensely valuable.

### **Artificial Intelligence Transforming Healthcare and Medicine**

Global Artificial Intelligence Market is used in almost every field of medicine for the analysis of complex data in many clinical scenarios, be it diagnosis, treatment, or prognosis. Those working in modern-day medicine are faced with the task of collecting, evaluating, and applying massive amount of knowledge as well as data to solve complex clinical problems. The development of artificial intelligence programs help clinicians in making numerous diagnostic and therapeutic decisions as well as in successfully predicting the outcome of medical conditions. Artificial intelligence programs also assist healthcare workers in tasks and daily duties that rely on the manipulation of knowledge and data.

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International Business Machines (IBM) Corp. just this week decided to venture into the avenue of artificial intelligence in medicine. IBM will be using 30 billion images such as CT, x-ray, and MRI scans from Merge Healthcare Inc. (which it recently acquired) to train its Watson software in identifying ailments such as heart disease and cancer. The company hopes that this will resultantly help doctors in diagnosing and treating patients in a more efficient and effective manner.

### **Artificial Intelligence Gains Popularity in Entertainment and Media**

The growing interest of the entertainment industry in artificial intelligence pans from the small screen to the big screen. Artificial intelligence has been a characteristic element of some of the best and boldest films such as The Matrix, Ex Machina, 2001: A Space Odyssey, Star Wars, Terminator, Bicentennial Man, I, Robot, A.I. Artificial Intelligence, Wall-E, Her, and The Hitchhiker's Guide to the Galaxy. On the small screen, artificial intelligence-centric series such as Intelligence, Almost Human, Extant, Person of Interest, and Westworld have made a splash.

The use of artificial intelligence in video games and computer games is also well known and dates back to the mid-60s. However, the last two decades have witnessed impressive strides in the field of artificial intelligence in gaming. Halo: Combat Evolved, the S.T.A.L.K.E.R. series, Far Cry, and Creatures are a few video games with acclaimed artificial intelligence.

### **Artificial Intelligence Proving its Worth in Defense**

The impact of artificial intelligence on the defense sector has been remarkable as far as military tactics and technology goes. Artificial intelligence has spurred greater sophistication, autonomy, and dispersion of personnel and weapon systems. The use of artificial intelligence in military technology has grown over the last few years mainly owing to rising complexity of modern-day military operations, increasing awareness as well as adoption by the defense forces of the potential of artificial intelligence technologies, the rapid progress that these technologies have made, and increasing demonstration of the power of artificial intelligence in commercial applications and academic centers.

Last year, researchers in the U.S. Army turned their focus to developing unmanned ground vehicles (UGVs) integrated with artificial intelligence. The aim of the AI-based UGVs was to enable the vehicles amass knowledge, reason, learn, plan, perceive threats and obstacles, understand spoken language, and manipulate objects.

Companies across the globe have been relying on the many applications of artificial intelligence to improve efficiency and gain competitive advantage. Some of the prominent companies offering artificial intelligence solutions are SAS Institute Inc., Microsoft Corporation, Fair Isaac Corporation, Google Inc., MicroStrategy Inc., SRI International, Oracle Corporation, and QlikTech International AB.

#### **About Us**

Transparency Market Research (TMR) is a global market intelligence company, providing global business information reports and services. Our exclusive blend of quantitative forecasting and trends analysis provides forward-looking insight for thousands of decision makers. TMR's experienced team of Analysts, Researchers, and Consultants, use proprietary data sources and various tools and techniques to gather and analyze information.

Our data repository is continuously updated and revised by a team of research experts, so that it always reflects the latest trends and information. With a broad research and analysis capability, Transparency

Market Research employs rigorous primary and secondary research techniques in developing distinctive data sets and research material for business reports.

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